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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

- 1. (currently amended) A chemical-mechanical polishing composition comprising:
 - (a) an abrasive comprising α -alumina, wherein the abrasive is present in the polishing composition in an amount of about 0.1 to about 10 wt.% based on the total weight of the polishing composition.
 - (b) about 0.05 to about 50 mmol/kg of ions of at least one metal selected from the group consisting of calcium, strontium, barium, and mixtures thereof, based on the total weight of the polishing composition, and
 - (c) a liquid carrier comprising water.
- 2. (original) The chemical-mechanical polishing composition of claim 1, wherein the ions of the metal are present in an amount of about 0.05 to about 10 mmol/kg.
- 3. (original) The chemical-mechanical polishing composition of claim 2, wherein the ions of the metal are present in an amount of about 0.05 to about 5 mmol/kg.
- 4. (original) The chemical-mechanical polishing composition of claim 1, wherein the abrasive further comprises furned alumina.
- 5. (original) The chemical-mechanical polishing composition of claim 4, wherein the abrasive comprises about 10 wt.% or more α-alumina.
 - 6. (canceled)
- 7. (currently amended) The chemical-mechanical polishing composition of claim [[6]] 1, wherein the abrasive is present in the polishing composition in an amount of about 1 to about 5 wt.% based on the total weight of the polishing composition.
- 8. (original) The chemical-mechanical polishing composition of claim 1, wherein the polishing composition has a pH of about 1 to about 7.
- 9. (original) The chemical-mechanical polishing composition of claim 8, wherein the polishing composition has a pH of about 2 to about 5.

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- 10. (currently amended) A chemical-mechanical polishing composition comprising:
 - (a) an abrasive selected from the group consisting of α -alumina, γ -alumina, δ -alumina, diamond, boron carbide, silicon carbide, tungsten carbide, titanium nitride, and mixtures thereof, wherein the abrasive is present in the polishing composition in an amount of about 0.1 to about 10 wt.% based on the total weight of the polishing composition,
 - (b) about 0.05 to about 3.5 mmol/kg of ions of at least one metal selected from the group consisting of calcium, strontium, barium, magnesium, zinc, and mixtures thereof, based on the total weight of the polishing composition, and
 - (c) a liquid carrier comprising water.
- 11. (original) The chemical-mechanical polishing composition of claim 10, wherein the abrasive further comprises fumed alumina.
- 12. (original) The chemical-mechanical polishing composition of claim 11, wherein the abrasive comprises about 10 wt.% or more α -alumina.
 - 13. (canceled)
- 14. (currently amended) The chemical-mechanical polishing composition of claim 13 10, wherein the abrasive is present in the polishing composition in an amount of about 1 to about 5 wt.% based on the total weight of the polishing composition.
- 15. (original) The chemical-mechanical polishing composition of claim 10, wherein the polishing composition has a pH of about 1 to about 7.
- 16. (original) The chemical-mechanical polishing composition of claim 15, wherein the polishing composition has a pH of about 2 to about 5.
 - 17. (withdrawn) A method of polishing a substrate comprising the steps of:
 - (a) providing a substrate.
 - (b) providing a chemical-mechanical polishing composition comprising:
 - (i) an abrasive comprising α -alumina,
 - (ii) about 0.05 to about 50 mmol/kg of ions of at least one metal selected from the group consisting of calcium, strontium, barium, and mixtures thereof, based on the total weight of the polishing composition, and
 - (iii) a liquid carrier comprising water,

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applying the chemical-mechanical polishing composition to at least a portion of the substrate, and

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- abrading at least a portion of the substrate with the polishing composition to polish the substrate.
- (withdrawn) The method of claim 17, wherein the ions of the metal are present 18. in the chemical-mechanical polishing composition in an amount of about 0.05 to about 10 mmol/kg.
- 19. (withdrawn) The method of claim 18, wherein the ions of the metal are present in the chemical-mechanical polishing composition in an amount of about 0.05 to about 5 mmol/kg.
- 20. (withdrawn) The method of claim 17, wherein the substrate comprises a noble metal selected from the group consisting of platinum, iridium, ruthenium, rhodium, palladium, silver, osmium, gold, and combinations thereof, and at least a portion of the noble metal is abraded with the polishing composition to polish the substrate.
- 21. (withdrawn) The method of claim 20, wherein the substrate comprises platinum, and at least a portion of the platinum is abraded with the polishing composition to polish the substrate.
- 22. (withdrawn) The method of claim 17, wherein the abrasive further comprises fumed alumina.
- (withdrawn) The method of claim 22, wherein the abrasive comprises about 10 23. wt.% or more α-alumina.
- 24. (withdrawn) The method of claim 17, wherein the abrasive is present in the polishing composition in an amount of about 0.1 to about 10 wt.% based on the total weight of the polishing composition.
- 25. (withdrawn) The method of claim 24, wherein the abrasive is present in the polishing composition in an amount of about 1 to about 5 wt.% based on the total weight of the polishing composition.

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26. (withdrawn) The method of claim 17, wherein the polishing composition has a pH of about 1 to about 7.

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- 27. (withdrawn) The method of claim 26, wherein the polishing composition has a pH of about 2 to about 5.
 - 28. (withdrawn) A method of polishing a substrate comprising the steps of:
 - (a) providing a substrate,
 - (b) providing a chemical-mechanical polishing composition comprising:
 - (i) an abrasive selected from the group consisting of α -alumina, γ -alumina, δ -alumina, θ -alumina, diamond, boron carbide, silicon carbide, tungsten carbide, titanium nitride, and mixtures thereof,
 - (ii) about 0.05 to about 3.5 mmol/kg of ions of at least one metal selected from the group consisting of calcium, strontium, barium, magnesium, zinc, and mixtures thereof, based on the total weight of the polishing composition, and
 - (iii) a liquid carrier comprising water,
- (c) applying the chemical-mechanical polishing composition to at least a portion of the substrate, and
- (d) abrading at least a portion of the substrate with the polishing composition to polish the substrate.
- 29. (withdrawn) The method of claim 28, wherein the substrate comprises a noble metal selected from the group consisting of platinum, iridium, ruthenium, rhodium, palladium, silver, osmium, gold, and combinations thereof, and at least a portion of the noble metal is abraded with the polishing composition to polish the substrate.
- 30. (withdrawn) The method of claim 29, wherein the substrate comprises platinum, and at least a portion of the platinum is abraded with the polishing composition to polish the substrate.
- 31. (withdrawn) The method of claim 28, wherein the abrasive further comprises furned alumina.
- 32. (withdrawn) The method of claim 31, wherein the abrasive comprises about 10 wt.% or more α-alumina.

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- 33. (withdrawn) The method of claim 28, wherein the abrasive is present in the polishing composition in an amount of about 0.1 to about 10 wt.% based on the total weight of the polishing composition.
- 34. (withdrawn) The method of claim 33, wherein the abrasive is present in the polishing composition in an amount of about 1 to about 5 wt.% based on the total weight of the polishing composition.
- 35. (withdrawn) The method of claim 28, wherein the polishing composition has a pH of about 1 to about 7.
- 36. (withdrawn) The method of claim 35, wherein the polishing composition has a pH of about 2 to about 5.